

# Grizzly feeder with stabroflex

Depending on the geological factors the quarrying of natural stone products (e.g. limestone, grauwacke, porphy, diabas etc.) often shows high soil- and clay parts which probably entail that the coarse material get stuck and the clay parts stick, especially at high air humidity or wet product. The imaged special screening machine – which is fed by a belt conveyor – meets this requirements. At first the product can distribute on the conveying bottom, which is fitted with a thick rubber – to avoid that the material gets sticky and to absorb the shock energy of the feed material. The subsequent separation is effected by insertion of a screening section, executed as a special grid system. The machine gets an upstream protection deck, depending on the grain size of the product to be fed and the desired screen cut of 10 up to 20 mm. The self-induced vibrations of the Stabroflex-Screen Cascades – which overlay the natural vibrations of the feeder - provide an improved cleaning of the screen surface.



## Your benefit:

- + Undisturbed operation by means of elastic and single clamped tensioned rods
- + Minimized wear due to the insertion of wear-resistant material
- + A sophisticated construction combined with adequate operation parameters provides a self-cleaning of the screen gap
- + Easy maintain conception allowing a good accessibility to the drive, the screen deck beams, wear plates and fixing

## Technical data:

- Machine type: SWZ 1600 x 3500
- Trough width: 1.600 mm
- Screen length: 3.500 mm
- Product: Limestone with soil- and clay parts
- Capacity: 150 t/h
- Grain size: up to 200 mm
- Gap size: upper deck 50 mm (protection deck)  
lower deck 20 mm